

Job Name: 25-4272 Chestnut Street Utility Rehab
Job Location: Evansville, IN
Contractor: Bowen Engineering Corporation

PC: A. Chambers
 TECH: J. Coppage
 Plant: Beaver Dam



Structure ID: 108
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 24" x 36"

Rim: 376.82'
 Invert: 372.82'
 Rim to Invert: 4'

Sump: 2"
 Floor (Top): 372.653'
 Floor Height: 8"

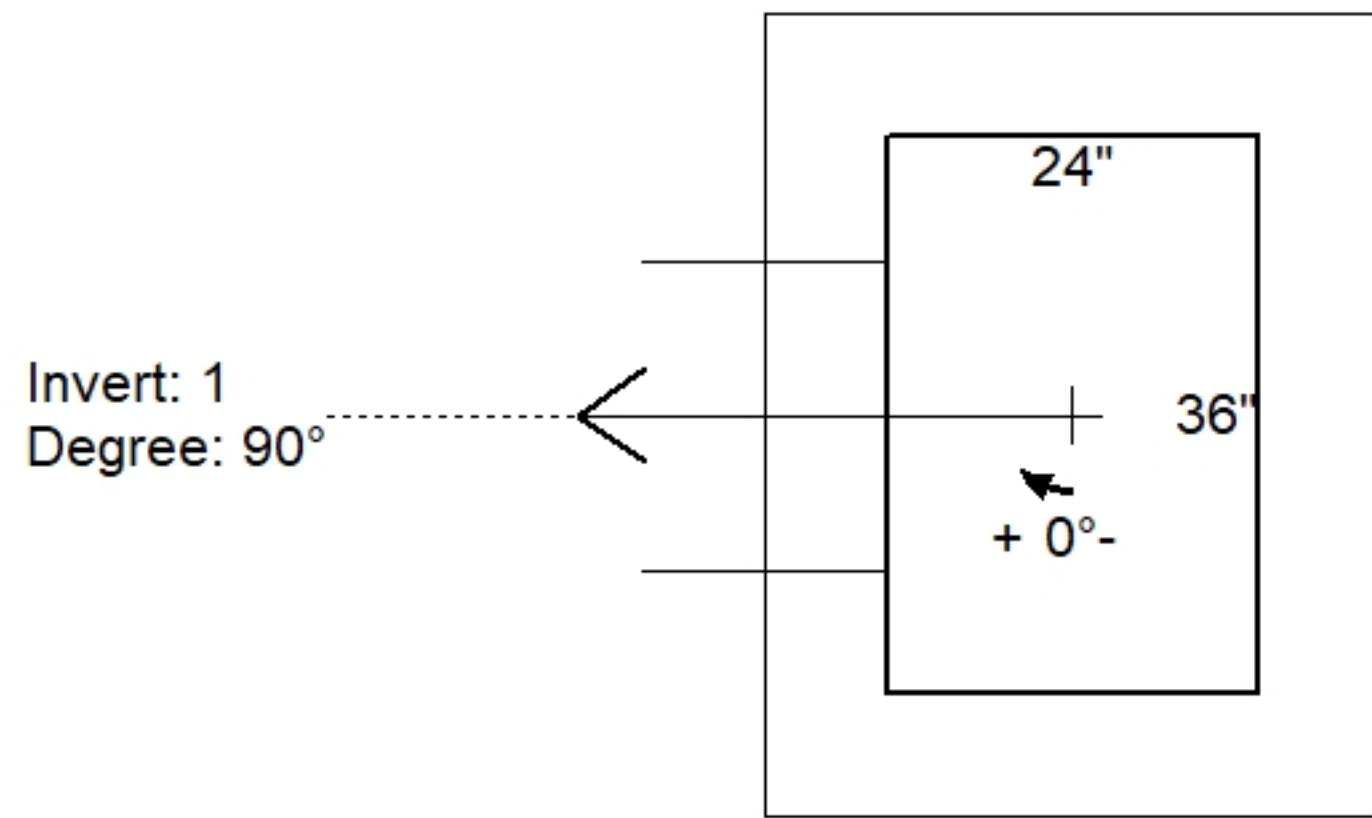
Floor (Bot): 371.987'
 Overall Height: 4.583'
 Slack: 3"

Structure Notes:

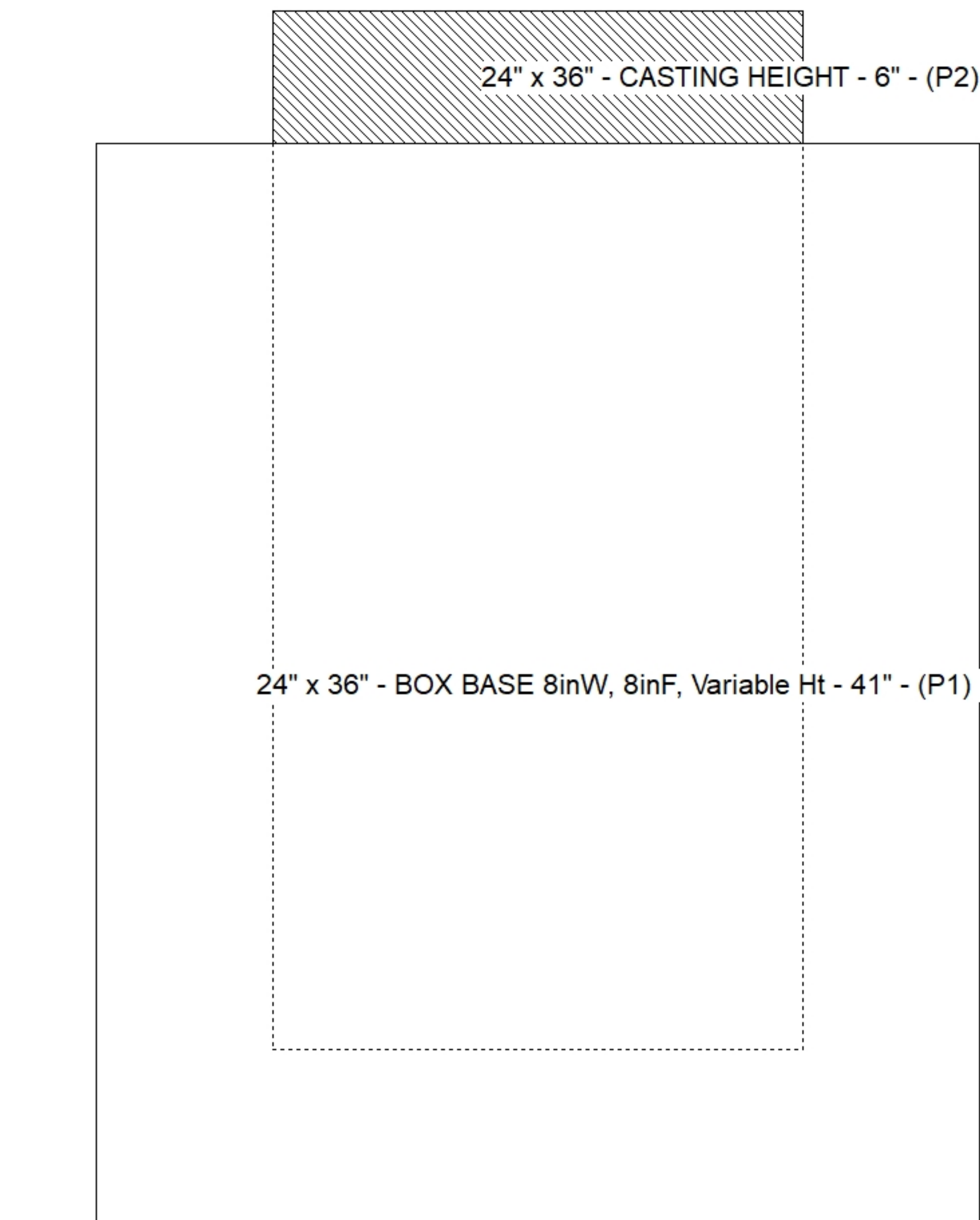
- JR HOE HOE-525-LV PROVIDED BY ICAST.
- PER ASTM C913 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

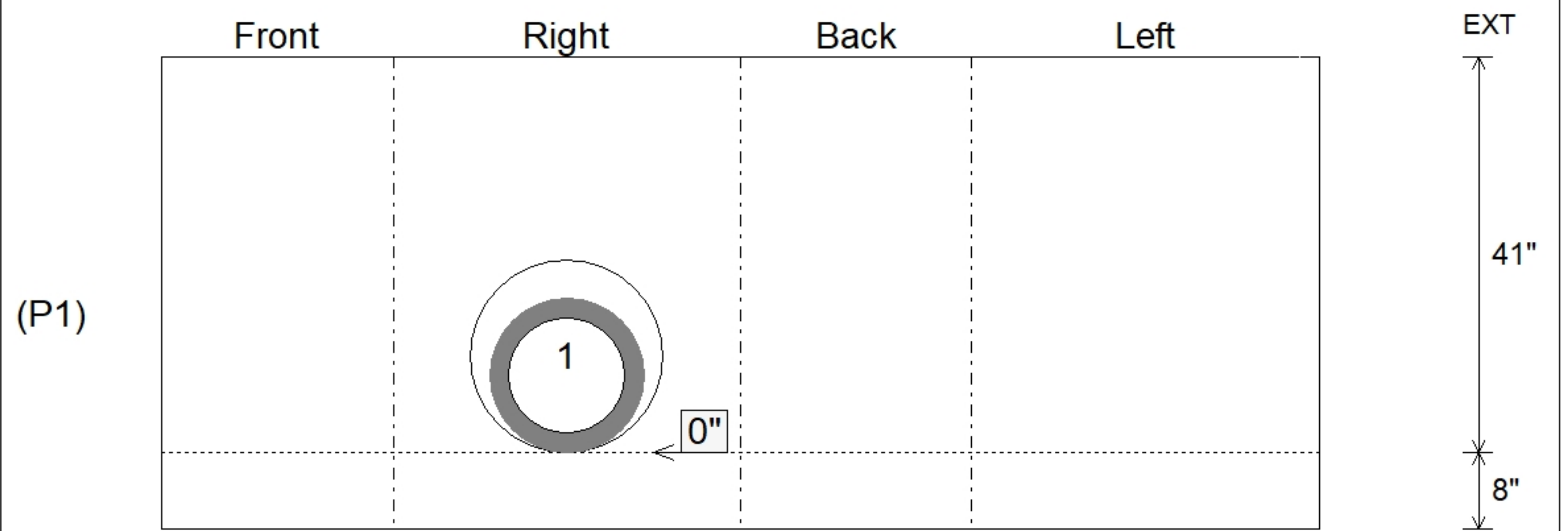
P2) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 41"	5369 lb
1) CASTING - HOE 525 LV SET (F/G/H)	442 lb
1) 24" x 36" - SGL 1"x14.5' Butyl	0 lb
1) Hole - 20	0 lb
Structure Total:	5811 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	376.82'							
Reducer								
Invert 1	372.82'	90°	12" RCP B WALL	16"	20"	Hole 20	0"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
 10/27/2025 7:34:02 AM

SUBMITTAL
 APPROVED BY: